

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D135-751 REV. C OR LATER APPROVED REVISION

REF. FAA STC: SR01709SE  
REF. EASA STC: EASA.IM.R.S.01278  
REF. TCCA LOA: RDIMS-9661680

## 1.0 PURPOSE

This DART Service Instruction provides instructions to install Airbus Helicopter ECI-135-250074 fixed provisions to permit installation of DART 647.1702 Skid Deflector or Airbus Helicopters 145-250814 LG Deflector to DART D135-751-011 Skidtubes.

## 2.0 INSTALLATION

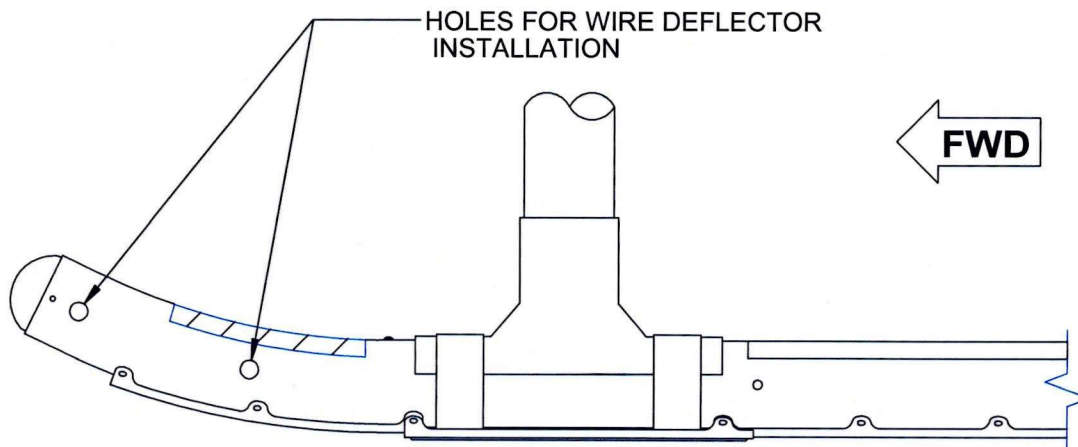
1. The holes required for installation of the DART or Airbus skid deflector are already provided on D135-751-011 Skidtubes. To access the holes, remove D3492-043 plugs (Ref. Item 48 in IIN-D135-751 and ICA-D135-751).
2. Install the 145-250074.11, 145-250074.12, and 145-250074.13 bushings and laminated shim per Sheet 1 of Airbus Helicopters ECI-135-250074. If the holes are too small to install Airbus Helicopters bushings (P/N 145-250074.11 and 145-250074.12), it is acceptable to ream the holes to  $\varnothing 0.590" +0.002"/-0.000"$ . Touch up reworked area per section 5.2.10 of ICA-D135-751. Bond hardware to the D135-751-011 Skidtube using RTV598/732 or Proseal 890 or PR1422 or MIL-S-8802 sealant.
3. Install DART 647.1702 skid deflector per I1135-21 Section 6.2, or Airbus Helicopters 145-250814 skid deflector per applicable supplemental instructions. It is acceptable to modify the 647.1702 skid deflectors with slots to facilitate the use of the LN9023A8-1.4544.9 Locking Washers.
4. Update Aircraft Logbook to indicate that the DART D135-751-011 Skidtubes have been modified per DSI 9830.

## 3.0 MAINTENANCE

Maintain DART Skidtubes per ICA-D135-751. Maintain DART Skid Deflector per ICA135-21. Maintain Airbus Skid Deflector per applicable supplemental instruction.

## 4.0 WEIGHT AND BALANCE

There is negligible effect on weight and balance associated with this change.



**FIGURE 1 - HOLE LOCATION FOR WIRE DEFLECTOR INSTALLATION**

APPROVED

A	NEW ISSUE		NO	19.07.12
REV.	DESCRIPTION		BY	DATE
DESIGN	NO	<b>DART AEROSPACE USA, INC.</b> HILLSBORO, OR		
DRAWN	NO			
CHECKED	MW	DRAWING NO.	REV. A	
MFG. APPR.	N/A	DSI 9830	SHEET 1 OF 1	
APPROVED	NO	TITLE	SCALE	
DE APPR.	DS	ALT SKID DEFL PROVISIONS	NTS	
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